



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/649,510	08/25/2000	Mary Michelle Quinton	777.394US1	8272

23460 7590 06/18/2003
LEYDIG VOIT & MAYER, LTD
TWO PRUDENTIAL PLAZA, SUITE 4900
180 NORTH STETSON AVENUE
CHICAGO, IL 60601-6780

EXAMINER

PHAN, RAYMOND NGAN

ART UNIT	PAPER NUMBER
----------	--------------

2181

DATE MAILED: 06/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/649,510

Applicant(s)

QUINTON, MARY MICHELLE

Examiner

Raymond Phan

Art Unit

2181

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-50 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2. 6) ☐ Other: ____.

Art Unit: 2181

Part III DETAILED ACTION

Notice to Applicant(s)

1. This application has been examined. Claims 1-50 are pending.
2. The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 2181.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1, 14, 32-39 are rejected under 35 U.S.C. § 102(e) as being anticipated by Machin et al. (Pub No 2002/0032806).

In regard to claims 1, 14, 32, 35-39, Machin et al. disclose the method of plugging in a pluggable terminal comprising wrapping the media processing device control method to create a pluggable terminal (see figure 3, col. 3, para 24) and making the pluggable terminal available to a TAPI application component (see figure 13, col. 11, paras 130-133).

In regard to claim 33, Machin et al. disclose the TSP component (i.e. TAPI) for call control and for controlling communicating devices (see page 4, paras 38-43); and MSP component (see page 1, para 007).

In regard to claim 34, Machin et al. disclose the registry for providing TAPI application component with a list of available terminals and for implementing terminals (see page 4 paras 38-43).

Examiner suggests the applicant(s) to carefully study the entire teachings of Endejan et al. reference. Examiner relies on the entire teachings of reference.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 2-13, 15-31, 40-50 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Manchin et al. in view of Porter (US No. 5,473,680).

In regard to claims 2, 13, 15-17, 30-32, Manchin et al. disclose the claimed subject matter as discussed above except the teaching of creating the terminal

Art Unit: 2181

object from the pluggable terminal upon initialization of the TAPI system; registering the pluggable terminal; discovering all available terminals, including the pluggable terminal; and sending a list of available terminals, including the pluggable terminal to the TAPI application component. However Porter discloses the creating the terminal object from the pluggable terminal upon initialization of the TAPI system (see col. 2, lines 17-24); registering the pluggable terminal (see col. 9, lines 19-53); discovering all available terminals, including the pluggable terminal (see col. 9, lines 19-53); and sending a list of available terminals, including the pluggable terminal to the TAPI application component (see col. 29, line 16 through col. 30, line 17). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Porter within the system of Manchin et al. because it would allow efficient communications and management of resources used for multimedia, multiparty communications.

In regard to claims 3, 40, 50, Porter discloses the step of deriving the pluggable terminal from the terminal base class (see col. 5, line 53 through col. 6, line 14); providing a first interface for plugging into the TAPI system (see col. 7, lines 23-42); and providing a second interface including at least one media processing method for the TAPI application component (see col. 7, line 62 through col. 8, line 33).

In regard to claims 4, 21, 41, Porter discloses the at least one media processing method for processing media selected from the group consisting of audio, video, text, and graphics (see col. 7, lines 44-60).

In regard to claims 5, 22, 42, Porter discloses the at least one media processing method for processing media selected from the group consisting of

modem transmission, facsimile transmission and telephony transmission (see col. 7, lines 44-60).

In regard to claims 6, 23, 43, Porter discloses the at least one media processing method for processing media selected from the group consisting of videoconferencing, application sharing, document sharing, collaborative computing transmissions (see col. 7, lines 44-60).

In regard to claims 7, 24, 44, Porter discloses the at least one media processing method for processing media selected from the group consisting of chat transmission, visual chat transmissions, IP Telephony transmissions, and IM transmissions (see col. 8, lines 34-40).

In regard to claims 8, 25, 45, Porter discloses the at least one media processing method for processing media selected from the group consisting of PSTN call, tone transmissions, speech transmissions, IP interactive voice response system transmissions, IP unified message system transmissions, and caller ID transmissions (see col. 8, lines 34-40).

In regard to claims 9, 26, 46, Porter discloses the at least one media processing method for processing media selected from the group consisting of music, movies, still pictures, and photographs (see col. 7, lines 44-60).

In regard to claims 10, 27, 47, Porter discloses the at least one media processing method for processing media selected from the group consisting of television transmissions, radio transmissions, cable transmission (see col. 8, lines 13-40).

In regard to claims 11, 28, 48, Porter discloses the at least one media processing method for processing media selected from the group consisting of

portable device communications, PDA, tablet transmissions (see col. 8, lines 28-40).

In regard to claims 12, 29, 49, Porter discloses the at least one media processing method for processing media selected from the group consisting of digital phone calls and cellular phone calls (see col. 8, lines 33-40).

In regard to claim 18, Manchin et al. disclose the method of plugging in a pluggable terminal comprising wrapping the media processing device control method to create a pluggable terminal (see figure 3, col. 3, para 24) and making the pluggable terminal available to a TAPI application component (see figure 13, col. 11, paras 130-133). But Manchin et al. do not specifically disclose the unique ID for pluggable terminal; a set of media flow direction supported by the pluggable terminal and set of media types supported by the pluggable terminal. However Porter discloses the unique ID for pluggable terminal (see col. 8, lines 6-19); a set of media flow direction supported by the pluggable terminal (see col. 8, lines 12-26) and set of media types supported by the pluggable terminal (see col. 8, lines 20-26). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Porter within the system of Manchin et al. because it would allow efficient communications and management of resources used for multimedia, multiparty communications.

In regard to claim 31, Porter discloses the method for triggering the events to the terminal manager component (see col. 15, lines 49-63).

Conclusion

8. All claims are rejected.

Art Unit: 2181

9. The prior arts made of record and not relied upon are considered pertinent to applicant's disclosure.

Kim (US No. 6,256,680) discloses a process for controlling communications between a computer system and an external device.

Goldhagen et al. (US No. 5,633,916) disclose a universal messaging service using single voice grade telephone line within a client/server architecture.

Blackwell et al. (US Pub No. 2002/0183044) disclose a method and system for sending, receiving, and managing messaging data.

Kikinis et al. (US No. 5,799,067) disclose a smart phone integration with computer systems.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Raymond Phan, whose telephone number is (703) 306-2756. The examiner can normally be reached on Monday-Friday from 6:30AM- 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Primary, Paul Myers can be reached on (703) 305-9656 or via e-mail addressed to paul.myers@uspto.gov. The fax phone number for this Group is (703) 746-7239.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [raymond.phan@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.



PAUL R. MYERS
PRIMARY EXAMINER



Raymond Phan
6/11/03